**K-5 Math Lesson Plan**

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| **Teacher:**  **Raynor** | | | **Grade: 3** | | | **Date(s)**: Day 8 |
| **Unit Title: Planning a Family Reunion** | | | | **Corresponding Unit Task: Prior to Task 3** | | |
| **Essential Question(s): What strategies can I use to add and subtract within 1000?** | | | | | | |
| **Materials/Resources** | | | | **Essential Vocabulary** | | |
| **Teacher:**  **Overhead Manipulatives** | | **Student:**  **Menus** | | | **Decomposing**  **Number Line** | |
| **Learning Experience** | | | | | | |
| **8 Mathematical Practices:**  x  1. Make sense of problems and persevere in solving them.  x 2. Reason abstractly and quantitatively.  x 3. Construct viable arguments and critique the reasoning of others.  x 4. Model with mathematics.  x 5. Use appropriate tools strategically.  x 6. Attend to precision.  x 7. Look for and make use of structure.  8. Look for and express regularity in repeated reasoning. | **Common Core State Standards: 3.NB.2** | | | | | |
| **I Can Statement(s): I can use various strategies to add and subtract within 1000.** | | | | | |
| **Activating Strategy/Hook:** **You go to McDonald’s and your mom tells you that you can order 2 things off of the menu, but you have to pay yourself. What do you order and how much do you spend?** | | | | | |
| **Teacher Directed:/Guided Practice:**  **Students solve hook with partners using strategy of choice. Students share solutions and strategies with class.**  **Mini Lesson: Teacher models how to use decompose numbers to add using 2 strategies: number line and expanded form. Teacher models adding $2.98+$1.50**  **Number Line: 298 + 100 + 30 + 5 =**  **398 428 433**  **Expanded Form: 200 + 90 + 8 300**  **100 + 30 + 5 120**  **300 120 13 13**  **433**  **After teacher models, students help teacher complete 3 problems, or more if needed checking the first answer by using the other strategy. Students record in their math notebook.** | | | | | |
| **Independent Practice: See closing/summary** | | | | | |
| **Closing/Summarizing: Flip book: 415 + 389**  **Solve using picture, number line, and expanded form** | | | | | |
| **Differentiation Strategies** | | | | | | |
| **Extension** | | | **Intervention** | | | **Language Development** |
| **Students complete lesson at own pace, without as much teacher modeling** | | | **Small Group for those who need it** | | | **Picture Representations** |
| **Assessment(s):Independent Practice**  **Task**  **Game:** [**http://www.k-5mathteachingresources.com/support-files/3-digit-addition-split.pdf**](http://www.k-5mathteachingresources.com/support-files/3-digit-addition-split.pdf) | | | | | | |